

TABLE 5 (from report 'Irrigation water requirement and water withdrawal by country', November 2012)  
**Summary results of water requirement ratio and comparison with water resources**

	Total actual renewable water resources (km <sup>3</sup> /yr) <sup>†°</sup>	Irrigation water requirement (km <sup>3</sup> /yr)	Water requirement ratio (%)	Irrigation water withdrawal (km <sup>3</sup> /yr)	Pressure on freshwater resources due to irrigation (%)
<b>Africa</b>	<b>5 530.286</b>	<b>82.611</b>	<b>48</b>	<b>171.222</b>	<b>3.1</b>
<i>Northern Africa</i>	103.265	56.830	72	79.261	76.8
<i>Sub-Saharan Africa</i>	5 427.021	25.781	28	91.961	1.7
Central Africa	2 856.900	0.273	27	1.000	0.0
Eastern Africa	337.010	3.051	25	12.081	3.6
Gulf of Guinea	1 110.630	2.128	24	8.849	0.8
Indian Ocean Islands	339.751	4.530	27	16.612	4.9
Southern Africa	449.280	4.128	27	15.332	3.4
Sudano-Sahelian	333.450	11.671	31	38.082	11.4
<b>Americas</b>	<b>24 361.760</b>	<b>195.291</b>	<b>49</b>	<b>397.200</b>	<b>1.6</b>
<i>Northern America</i>	6 428.200	137.106	57	240.934	3.7
<i>Central America and Caribbean</i>	801.660	4.666	26	18.112	2.3
Central America	708.010	2.285	23	9.820	1.4
Caribbean: Greater and Lesser Antilles	93.650	2.381	29	8.291	8.9
<i>Southern America</i>	17 131.900	53.519	39	138.154	0.8
Andean	6 324.900	18.225	37	48.777	0.8
Guyana	363.000	0.695	39	1.793	0.5
Brazil	8 233.000	15.296	48	31.700	0.4
Southern America	2 211.000	19.303	35	55.883	2.5
<b>Asia</b>	<b>14 450.715</b>	<b>1 173.514</b>	<b>58</b>	<b>2 025.911</b>	<b>14.0</b>
<i>Middle East</i>	563.590	118.584	52	226.493	40.2
Near East	314.067	48.764	49	98.979	31.5
Arabian Peninsula	6.244	16.143	55	29.458	471.8
Caucasus	105.779	4.492	37	12.056	11.4
Iran	137.500	49.185	57	86.000	62.5
<i>Central Asia</i>	314.660	60.621	47	128.654	40.9
<i>Southern and Eastern Asia</i>	13 572.465	994.309	60	1 670.764	12.3
South Asia	3 725.800	531.646	58	912.848	24.5
East Asia	3 451.650	302.249	70	431.753	12.5
Mainland Southeast Asia	3 300.300	78.250	48	164.231	5.0
Maritime Southeast Asia	3 094.715	82.163	51	161.932	5.2
<b>Europe</b>	<b>7 417.711</b>	<b>43.671</b>	<b>63</b>	<b>69.181</b>	<b>0.9</b>
<i>Western and Central Europe</i>	2 627.301	33.513	61	54.592	2.1
Central Europe	656.120	0.681	41	1.654	0.3
Mediterranean Europe	494.681	30.042	62	48.290	9.8
Northern Europe	672.000	0.188	61	0.307	0.0
Western Europe	804.500	2.602	60	4.342	0.5
<i>Eastern Europe and Russian Federation</i>	4 790.410	10.158	70	14.589	0.3
Eastern Europe	282.410	0.931	67	1.389	0.5
Russian Federation	4 508.000	9.227	70	13.200	0.3
<b>Oceania</b>	<b>819.000</b>	<b>5.384</b>	<b>59</b>	<b>9.125</b>	<b>1.1</b>
<i>Australia and new Zealand</i>	819.000	5.384	59	9.125	1.1
<i>Pacific Islands</i>	-	-	-	-	-
<b>WORLD (165 countries and 2 territories)</b>	<b>52 579.472</b>	<b>1 500.464</b>	<b>56</b>	<b>2 672.640</b>	<b>5.1</b>
High income countries	9 511.779	206.196	61	340.471	3.6
Middle income countries	36 489.853	1 217.890	56	2 172.602	6.0
Low income countries	6 577.840	76.377	48	159.559	2.4
Low Income Food Deficit Countries (LIFDC)	12 647.955	625.383	52	1 199.992	9.5
Least Developed Countries (LDC)	7 168.905	77.742	50	154.796	2.2

<sup>†</sup> km<sup>3</sup> = 10<sup>9</sup> m<sup>3</sup>

<sup>°</sup> Total long-term average annual actual renewable freshwater resources